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Fast Macroblock Selection Algorithm for Multiview Video Coding Based on Mode Analyses

Zongju Peng; Mei Yu; Gangyi Jang; Weiyue Liu; Feng Shao;
Intelligent Information Technology Application Workshops,
2008. IITAW '08. International Symposium on
Digital Object Identifier: 10.1109/IITA.Workshops.2008.59
Publication Year: 2008 , Page(s): 1081 - 1084

IEEE CONFERENCES

Low-complexity rate-distortion optimal macroblock mode selection and motion estimation for MPEG-like video coders

Hyungjoon Kim; Kamaci, N.; Altunbasak, Y.;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 15 , Issue: 7
Digital Object Identifier: 10.1109/TCSVT.2005.848354
Publication Year: 2005 , Page(s): 623 - 634

IEEE JOURNALS

Fast macroblock mode selection based on motion content classification in H.264/ AVC

Ming Yang; Wensheng Wang;
Image Processing, 2004. ICIP '04. 2004 International
Conference on
Volume: 2
Digital Object Identifier: 10.1109/ICIP.2004.1419404
Publication Year: 2004 , Page(s): 741 - 744 Vol.2

IEEE CONFERENCES

Rate-distortion optimal joint macroblock mode selection and motion estimation for MPEG-like video coders

Kim, H.; Altunbasak, Y.;
Image Processing, 2004. ICIP '04. 2004 International
Conference on
Volume: 2
Digital Object Identifier: 10.1109/ICIP.2004.1419504
Publication Year: 2004 , Page(s): 1137 - 1140 Vol.2

IEEE CONFERENCES

Low-complexity rate-distortion optimal macroblock mode selection for MPEG-like video coders

Hyungjoon Kim; Altunbasak, Y.;
Multimedia and Expo, 2003. ICME '03. Proceedings. 2003
International Conference on
Volume: 3
Digital Object Identifier: 10.1109/ICME.2003.1221661
Publication Year: 2003 , Page(s): 111 - 113-16 vol.3

IEEE CONFERENCES

Improved macroblock mode selection for H.264/ AVC in wireless environments

Gong, Y.;
Electronics Letters
Volume: 42 , Issue: 6

Digital Object Identifier: 10.1049/el:20063717

Publication Year: 2006 , Page(s): 338 - 340

IEEE JOURNALS

Low-complexity macroblock mode selection for H.264-AVC encoders

Hyungjoon Kim; Altunhasak, Y.;

Image Processing, 2004. ICIP '04. 2004 International Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.2004.1419410

Publication Year: 2004 , Page(s): 765 - 768 Vol.2

IEEE CONFERENCES

NEW RATE CONTROL ALGORITHM USING MACROBLOCK MODE SELECTION FOR HYBRID VIDEO CODING

Gohokar, V.V.; Kshirsagar, S.P.;

Visual Information Engineering, 2006. VIE 2006. IET

International Conference on

Publication Year: 2006 , Page(s): 229 - 232

IEEE CONFERENCES

An adaptive selection algorithm of macroblock coding candidate modes

Ruan Ruolin; Hu Ruimin; Chen Hao;

Computer Science and Education (ICSE), 2010 5th

International Conference on

Digital Object Identifier: 10.1109/ICSE.2010.5593780

Publication Year: 2010 , Page(s): 1499 - 1502

IEEE CONFERENCES

Efficient RD optimized macroblock coding mode selection for MPEG-2 video encoding

Yuen-Wen Lee; Kossentini, F.; Ward, R.;

Image Processing, 1997. Proceedings., International

Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.1997.638618

Publication Year: 1997 , Page(s): 603 - 606 vol.2

IEEE CONFERENCES

Search of Fast Mode Selection Algorithm Based on Macroblock-Adaptive

Zhu Wei-xing; Wang Ri-xia; Li Xin-cheng;

Computer Science and Computational Technology, 2008.

ISCSCT '08. International Symposium on

Volume: 2

Digital Object Identifier: 10.1109/ISCSCT.2008.279

Publication Year: 2008 , Page(s): 485 - 488

IEEE CONFERENCES

Combined mode selection and macroblock quantization step adaptation for the H.263 video encoder

Mukherjee, D.; Mitra, S.K.;

Image Processing, 1997. Proceedings., International

Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.1997.638667

Publication Year: 1997 , Page(s): 37 - 40 vol.2

IEEE CONFERENCES

Pyramid model for macroblock inter/ intra mode selection in robust video coding

Im, S.K.; Pearmain, A.J.;

Electronics Letters

IEEE JOURNALS

Fast macroblock intra and inter modes selection for H.264/ AVC

Arsura, E.; Del Vecchio, L.; Landini, R.; Nisti, L.;

Multimedia and Expo, 2005. ICME 2005. IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2005.1521439

Publication Year: 2005

IEEE CONFERENCES

Virtual view synthesis oriented fast depth video encoding algorithm

Zongju Peng; Mei Yu; Gangyi Jiang; Yuehou Si; Fen Chen;

Industrial and Information Systems (IIS), 2010 2nd

International Conference on

Volume: 1

Digital Object Identifier: 10.1109/INDUSIS.2010.5565875

Publication Year: 2010 , Page(s): 204 - 207

IEEE CONFERENCES

A fast multiview video coding algorithm based dynamic multi-threshold

Zongju Peng; Gangyi Jiang; Mei Yu;

Multimedia and Expo, 2009. ICME 2009. IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2009.5202449

Publication Year: 2009 , Page(s): 113 - 116

IEEE CONFERENCES

Fast Macroblock Selection Algorithm for Multiview Video Coding Based on Inter-view Global Disparity

Mei Yu; Zongju Peng; Waiyue Liu; Feng Shao; Gangyi Jiang;

Yong-Deak Kim;

Image and Signal Processing, 2008. CISP '08. Congress on

Volume: 1

Digital Object Identifier: 10.1109/CISP.2008.526

Publication Year: 2008 , Page(s): 575 - 578

IEEE CONFERENCES

A Fast Encoding Algorithm for Multiview Video Coding

Zongju Peng; Mei Yu; Gangyi Jiang;

Intelligent Information Technology Application, 2009. IITA

2009. Third International Symposium on

Volume: 1

Digital Object Identifier: 10.1109/IITA.2009.101

Publication Year: 2009 , Page(s): 497 - 500

IEEE CONFERENCES

A Fast Mode Selection Algorithm in H.264 Video Coding

Donghyung Kim; Jechang Jeong;

Multimedia and Expo, 2006 IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2006.262879

Publication Year: 2006 , Page(s): 1709 - 1712

IEEE CONFERENCES

Fast Mode Selection and Disparity Estimation for Multiview Video Coding

Ping He; Mei Yu; Zongju Peng; Gangyi Jiang;

Intelligent Information Technology Application Workshops,

2009. IITAW '09. Third International Symposium on

Digital Object Identifier: 10.1109/ITAW.2009.69

Publication Year: 2009 , Page(s): 209 - 212

IEEE CONFERENCES

**Optimal MPEG-2 encoder design for low bit-rate
HDTV digital broadcasting**

Naito, S.; Koike, A.; Wada, M.; Matsumoto, S.;
Image Processing, 2002. Proceedings. 2002 International
Conference on
Volume: 3

Digital Object Identifier: 10.1109/ICIP.2002.1039069

Publication Year: 2002 , Page(s): 705 - 708 vol.3

IEEE CONFERENCES

**A directional field based fast intra mode decision
algorithm for H.264 video coding**

Pan, F.; Lin, X.; Rahardja, S.; Lim, K.P.; Li, Z. G.,
Multimedia and Expo, 2004. ICME '04. 2004 IEEE International
Conference on
Volume: 2

Digital Object Identifier: 10.1109/ICME.2004.1394420

Publication Year: 2004 , Page(s): 1147 - 1150 Vol.2

IEEE CONFERENCES

**Fast mode selection to reduce the encoding
complexity of H.264/ AVC**

Bin Zhan; Baochun Hou; Sotudeh, R.;
Circuits and Systems, 2008. ISCAS 2008. IEEE International
Symposium on

Digital Object Identifier: 10.1109/ISCAS.2008.4542231

Publication Year: 2008 , Page(s): 3570 - 3573

IEEE CONFERENCES

**Complexity reduced mode selection of H.264/ AVC
intra coding**

Sarwer, M.G.; Lai-Man Po; Wu, J.;
Audio, Language and Image Processing, 2008. ICALIP 2008.
International Conference on

Digital Object Identifier: 10.1109/ICALIP.2008.4590056

Publication Year: 2008 , Page(s): 1492 - 1496

IEEE CONFERENCES

**Time-efficient learning theoretic algorithms for
H.264 mode selection**

Jagmohan, A.; Ratakonda, K.,
Image Processing, 2004. ICIP '04. 2004 International
Conference on
Volume: 2

Digital Object Identifier: 10.1109/ICIP.2004.1419406

Publication Year: 2004 , Page(s): 749 - 752 Vol.2

IEEE CONFERENCES

**MPEG coding performance improvement by jointly
optimizing coding mode decisions and rate control**

HuiFang Sun; Kwok, W.; Chien, M.; Ju, C.H.J.;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 7 , Issue: 3

Digital Object Identifier: 10.1109/75.585924

Publication Year: 1997 , Page(s): 449 - 458

IEEE JOURNALS

**Novel Inter-Mode Decision Algorithm Based on
Macroblock (MB) Tracking for the P-Slice in
H.264/ AVC Video Coding**

Byung-Gyu Kim;
Circuits and Systems for Video Technology, IEEE Transactions

on
Volume: 18 , Issue: 2
Digital Object Identifier: 10.1109/TCSVT.2008.918121
Publication Year: 2008 , Page(s): 273 - 279

IEEE JOURNALS

Fast inter-mode decision and selective quarter-pel refinement in H.264 video coding

Ates, H.F.;
Acoustics, Speech and Signal Processing, 2008. ICASSP 2008.
IEEE International Conference on
Digital Object Identifier: 10.1109/ICASSP.2008.4517792
Publication Year: 2008 , Page(s): 1045 - 1048

IEEE CONFERENCES

Optimal Mode Selection of Disparity-Compensated Wavelet Lifting for Multi-View Image Coding

Lasang, P.; Kumwilaisak, W.; Kaewpunya, A.;
TENCON 2006. 2006 IEEE Region 10 Conference
Digital Object Identifier: 10.1109/TENCON.2006.344116
Publication Year: 2006 , Page(s): 1 - 4

IEEE CONFERENCES

A Fast MB Mode Decision Algorithm for MPEG-2 to H.264 P-Frame Transcoding

Fernandez-Escribano, G.; Kalva, H.; Quenca, P.; Orozco-Barbosa, L.; Garrido, A.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume: 18 , Issue: 2
Digital Object Identifier: 10.1109/TCSVT.2008.918115
Publication Year: 2008 , Page(s): 172 - 185

IEEE JOURNALS

A Predictive Block-Size Mode Selection for Inter Frame in H.264

Jiajun Bu; Shuiyong Lou; Chun Chen; Jingjing Zhu;
Acoustics, Speech and Signal Processing, 2006. ICASSP 2006
Proceedings. 2006 IEEE International Conference on
Volume: 2
Digital Object Identifier: 10.1109/ICASSP.2006.1660493
Publication Year: 2006 , Page(s): 11

IEEE CONFERENCES

Concealment aware mode selection for power-rate-distortion optimized H.264/ AVC encoder

Yuan Lin; Gurses, E.; Kim, A.N.; Perkins, A.;
Multimedia and Expo, 2008 IEEE International Conference on
Digital Object Identifier: 10.1109/ICME.2008.4607458
Publication Year: 2008 , Page(s): 409 - 412

IEEE CONFERENCES

Fast intra prediction algorithm based on H.264

Lei Sun; BaoCai Yin; DeHui Kong; PengFei Ji;
Nonlinear Signal and Image Processing, 2005. NSIP 2005.
Abstracts. IEEE-Eurasip
Digital Object Identifier: 10.1109/NSIP.2005.1502247
Publication Year: 2005

IEEE CONFERENCES

Robust video coding for packet networks with feedback

Rui Zhang; Regunathan, S.L.; Rose, K.;
Data Compression Conference, 2000. Proceedings. DCC 2000
Digital Object Identifier: 10.1109/DCC.2000.838185
Publication Year: 2000 , Page(s): 450 - 459

IEEE CONFERENCES

A New Coding Mode for Hybrid Video Coders Based on Quantized Motion Vectors

Agostini-Vautard, M.A.; Cagnazzo, M.; Antonini, M.; Laroche, G.; Jung, J.

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: PP , Issue: 99

Digital Object Identifier: 10.1109/TCSVT.2011.2133590

Publication Year: 2011 , Page(s): 1

IEEE EARLY ACCESS

Stochastic frame buffers for rate distortion optimized loss resilient video communications

Harmandi, O.; Tekalp, A.M.;

Image Processing, 2005. ICIP 2005. IEEE International Conference on

Volume: 1

Digital Object Identifier: 10.1109/ICIP.2005.1629869

Publication Year: 2005 , Page(s): 1 - 789-92

IEEE CONFERENCES

Feature-Based Intra-/ InterCoding Mode Selection for H.264/ AVC

Changsung Kim; Kuo, C.-C.J.;

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: 17 , Issue: 4

Digital Object Identifier: 10.1109/TCSVT.2006.888829

Publication Year: 2007 , Page(s): 441 - 453

IEEE JOURNALS

Advanced block size selection algorithm for inter frame coding in H.264/ MPEG-4 AVC

Yu, A.C.; Martin, G.R.;

Image Processing, 2004. ICIP '04. 2004 International Conference on

Volume: 1

Digital Object Identifier: 10.1109/ICIP.2004.1418698

Publication Year: 2004 , Page(s): 95 - 98 Vol. 1

IEEE CONFERENCES

Inter-View Direct Mode for Multiview Video Coding

Xun Guo; Yan Lu; Feng Wu; Wen Gao;

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: 16 , Issue: 12

Digital Object Identifier: 10.1109/TCSVT.2006.885724

Publication Year: 2006 , Page(s): 1527 - 1532

IEEE JOURNALS

Fast Mode Decision for H.264 Video Encoder Based on MB Motion Characteristic

Xiangwen Wang; Jun Sun; Yunqiang Liu; Benjie Li;

Multimedia and Expo, 2007 IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2007.4284664

Publication Year: 2007 , Page(s): 372 - 375

IEEE CONFERENCES

Low Complexity High Quality Fractional Motion Estimation Algorithm and Architecture Design for H.264/ AVC

Ching-Lung Su; Wei-Sen Yang; Ya-Li Chen; Yao Li; Ching-Wen Chen; Jun-In Guo; Shau-Yin Tseng.

Circuits and Systems, 2006. APOCAS 2006. IEEE Asia Pacific Conference on

Digital Object Identifier: 10.1109/APCCAS.2006.342054

Publication Year: 2006 , Page(s): 578 - 581

IEEE CONFERENCES

Using H.264 coded block patterns for fast inter-mode selection

Bo-Yuan Chen; Shih-Hsuan Yang;

Multimedia and Expo, 2008 IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2008.4607536

Publication Year: 2008 , Page(s): 721 - 724

IEEE CONFERENCES

A fast MPEG-4 to H.264/ AVC intra frame transcoding algorithm

Weidong Wang; Shaojie Wang; Yafei Zhao; Yuehai Wang;

Mochi Zhu; Qingqing Ye;

Information Science and Engineering (ICISE), 2010 2nd

International Conference on

Digital Object Identifier: 10.1109/ICISE.2010.5690132

Publication Year: 2010 , Page(s): 3408 - 3411

IEEE CONFERENCES

Efficient MB and prediction mode decisions for intra prediction of H.264 High Profile

Tao-Sheng Ou; Yi-Hsin Huang; Chen, H.H.;

Picture Coding Symposium, 2009. PCS 2009

Digital Object Identifier: 10.1109/PCS.2009.5167352

Publication Year: 2009 , Page(s): 1 - 4

IEEE CONFERENCES

Rate control for advance video coding (AVC) standard

Siwei Ma; Wen Gao; Peng Gao; Yan Lu,

Circuits and Systems, 2003. ISCAS '03. Proceedings of the

2003 International Symposium on

Volume: 2

Digital Object Identifier: 10.1109/ISCAS.2003.1206118

Publication Year: 2003 , Page(s): II-892 - II-895 vol.2

IEEE CONFERENCES

Improved Intra-Prediction Mode Selection Algorithm for H.264

Fu Yaxiong; Liu Guofan; Zhu Lingli;

Computational Intelligence and Software Engineering (CISE),

2010 International Conference on

Digital Object Identifier: 10.1109/CISE.2010.5677217

Publication Year: 2010 , Page(s): 1 - 4

IEEE CONFERENCES

Edge-based Adaptive Directional Intra Prediction

Feng Zou; Au, O.C.; Jingjing Dai; Chao Pang; Wen Yang; Xing

Wen; Yu Liu;

Picture Coding Symposium (PCS), 2010

Digital Object Identifier: 10.1109/PCS.2010.5702510

Publication Year: 2010 , Page(s): 368 - 369

IEEE CONFERENCES

Fast reference frame and mode selection for multiview video coding based on coded block patterns

Shih-Hsuan Yang; Yu-Shiuan Liou;

Multimedia and Expo (ICME), 2010 IEEE International

Conference on

Digital Object Identifier: 10.1109/ICME.2010.5583543

Publication Year: 2010 , Page(s): 1102 - 1107

IEEE CONFERENCES

**Optimized inpainting-based macroblock prediction
in video compression**

Yang Xu; Hongkai Xiong;
Circuits and Systems (ISCAS), Proceedings of 2010 IEEE
International Symposium on
Digital Object Identifier: 10.1109/ISCAS.2010.5537770
Publication Year: 2010 , Page(s): 3653 - 3656

IEEE CONFERENCES

**Hierarchical mode search with classification of
bisectional prediction modes based on the position
of motion boundary [video coding]**

Kato, S.; Sugimoto, K.; Moschetti, F.; Chaong Seng Boon;
Image Processing, 2004. ICIP '04. 2004 International
Conference on
Volume: 1
Digital Object Identifier: 10.1109/ICIP.2004.1418796
Publication Year: 2004 , Page(s): 485 - 488 Vol. 1

IEEE CONFERENCES

**Rate-Distortion Optimized I-Slice Selection for Low
Delay Video Transmission**

Yuan Lin; Kim, A.N.; Gurses, E.; Perkis, A.;
Multimedia Signal Processing, 2007. MMSP 2007. IEEE 9th
Workshop on
Digital Object Identifier: 10.1109/MMSP.2007.4412831
Publication Year: 2007 , Page(s): 115 - 116

IEEE CONFERENCES

**Efficient Spatial-Temporal Error Concealment
Algorithm and Hardware Architecture Design for
H.264/ AVC**

Guan-Lin Wu; Ching-Yi Chen; Tung-Hsing Wu; Shao-Yi Chien;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 20 , Issue: 11
Digital Object Identifier: 10.1109/TCSVT.2010.2077471
Publication Year: 2010 , Page(s): 1409 - 1422

IEEE JOURNALS

**Rate-Distortion and Complexity Optimized Motion
Estimation for H.264 Video Coding**

Ates, H.F.; Altunbasak, Y.;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 18 , Issue: 2
Digital Object Identifier: 10.1109/TCSVT.2008.916114
Publication Year: 2008 , Page(s): 159 - 171

IEEE JOURNALS

**Frame-level Complexity Control in H.264 Video
Coding**

Ates, H.F.; Altunbasak, Y.;
Signal Processing and Communications Applications, 2007. SIU
2007. IEEE 15th
Digital Object Identifier: 10.1109/SIU.2007.4298619
Publication Year: 2007 , Page(s): 1 - 4

IEEE CONFERENCES

**Priority Belief Propagation Based Inpainting
Prediction With Tensor Voting Projected Structure In
Video Compression**

Xiong, H.; Xu, Y.; Zheng, Y.; Chen, Q.;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: PP , Issue: 99

Digital Object Identifier: 10.1109/TCSVT.2011.2133910

Publication Year: 2011 , Page(s): 1

IEEE EARLY ACCESS

Adaptive Multi-path Prediction for Error Resilient H.264 Coding

Xiaosong Zhou; Kuo, C.C.J.;

Multimedia Signal Processing, 2006 IEEE 6th Workshop on

Digital Object Identifier: 10.1109/MMSP.2006.285259

Publication Year: 2006 , Page(s): 14 - 19

IEEE CONFERENCES

A frame-based MPEG characteristics extraction tool and its application in video transcoding

Kan-Li Huang; Yi-Shin Tung; Ja-Ling Wu; Po-Kang Hsiao;

Hsien-Shuo Chen;

Consumer Electronics, IEEE Transactions on

Volume: 48 , Issue: 3

Digital Object Identifier: 10.1109/TCE.2002.1037037

Publication Year: 2002 , Page(s): 522 - 532

IEEE JOURNALS

Efficient block-size selection algorithm for inter-frame coding in H.264/ MPEG-4 AVC

Yu, A.C.;

Acoustics, Speech, and Signal Processing, 2004. Proceedings.

(ICASSP '04). IEEE International Conference on

Volume: 3

Digital Object Identifier: 10.1109/ICASSP.2004.1326508

Publication Year: 2004 , Page(s): iii - 169-72 vol 3

IEEE CONFERENCES

Fast mode selection for H.264/ AVC based on MB motion characteristics

Bing Meng; Min-zheng Li; Ya-heng Ren;

Intelligent Computing and Integrated Systems (ICISS), 2010

International Conference on

Digital Object Identifier: 10.1109/ICISS.2010.5656628

Publication Year: 2010 , Page(s): 205 - 208

IEEE CONFERENCES

Jointly optimized mode decisions in redundant video streaming

Schmidt, J.O.; Rose, K.;

Acoustics, Speech and Signal Processing, 2009. ICASSP 2009

IEEE International Conference on

Digital Object Identifier: 10.1109/ICASSP.2009.4959704

Publication Year: 2009 , Page(s): 797 - 800

IEEE CONFERENCES

A Flexible Reference Picture Selection Method for Spatial DIRECT Mode in Multiview Video Coding

Junyan Huo; Yilin Chang; Yanzhuo Ma; Sixin Lin;

Image and Signal Processing, 2008. CISP '08. Congress on

Volume: 1

Digital Object Identifier: 10.1109/CISP.2008.344

Publication Year: 2008 , Page(s): 268 - 272

IEEE CONFERENCES

A Fast H.264/ AVC-Based Stereo Video Encoding Algorithm Based on Hierarchical Two-Stage Neural Classification

Jui-Chiu Chiang; Wei-Chih Chen; Lien-Ming Liu; Kuo-Feng Hsu;

Wen-Nung Lie;

Selected Topics in Signal Processing, IEEE Journal of

Volume: 5 , Issue: 2

Digital Object Identifier: 10.1109/JSTSP.2010.2066956

Publication Year: 2011 , Page(s): 309 - 320

IEEE JOURNALS

Fast Coding Mode Selection for Rate-Distortion Optimization in H.264/ AVC

Shih-Ren Wu; Szu-Hong Wang; Shih-Chang Hsia;

Innovative Computing, Information and Control (ICICIC), 2009

Fourth International Conference on

Digital Object Identifier: 10.1109/ICICIC.2009.200

Publication Year: 2009 , Page(s): 1435 - 1438

IEEE CONFERENCES

A fast intra mode selection method for H.264 high profile

Yue Yu; Limin Wang;

Acoustics, Speech and Signal Processing, 2008. ICASSP 2008.

IEEE International Conference on

Digital Object Identifier: 10.1109/ICASSP.2008.4517701

Publication Year: 2008 , Page(s): 681 - 684

IEEE CONFERENCES

Rate-Distortion and Complexity Joint Optimization for Fast Motion Estimation in H.264 Video Coding

Ates, H.F.; Kanberoglu, B.; Altunbasak, Y.;

Image Processing, 2006 IEEE International Conference on

Digital Object Identifier: 10.1109/ICIP.2006.313149

Publication Year: 2006 , Page(s): 37 - 40

IEEE CONFERENCES

Fast rate-distortion optimized transform for Intra coding

Xin Zhao; Li Zhang; Siwei Ma; Wen Gao;

Picture Coding Symposium (PCS), 2010

Digital Object Identifier: 10.1109/PCS.2010.5702552

Publication Year: 2010 , Page(s): 518 - 521

IEEE CONFERENCES

Texture-based fast inter mode selection algorithm for H.264

Likang Kou; Ningmei Yu; Meihua Gu;

Knowledge Acquisition and Modeling (KAM), 2010 3rd

International Symposium on

Digital Object Identifier: 10.1109/KAM.2010.5646173

Publication Year: 2010 , Page(s): 344 - 347

IEEE CONFERENCES

Directed acyclic graph based mode optimization for H.263 video encoding

Cheung, G.;

Image Processing, 2001. Proceedings. 2001 International Conference on

Volume: 3

Digital Object Identifier: 10.1109/ICIP.2001.958166

Publication Year: 2001 , Page(s): 530 - 533 vol.3

IEEE CONFERENCES

A fast intra prediction based on Haar transform in H.264/ AVC

Shwu-Huey Yen; Meng-Ju Lin; Shin-Jia Hwang; Tai-Kuang Li;

Pervasive Computing (JCPC), 2009 Joint Conferences on

Digital Object Identifier: 10.1109/JCPC.2009.5420195

Publication Year: 2009 , Page(s): 161 - 166

IEEE CONFERENCES

Optimal arbitrary shaped pattern-based video coding

Paul, M., Murshed, M.,
Multimedia Signal Processing, 2008 IEEE 10th Workshop on
Digital Object Identifier: 10.1109/MMSP.2008.4685078
Publication Year: 2008 , Page(s): 206 - 211
IEEE CONFERENCES

Spatio-temporal video error concealment with perceptually optimized mode selection

Belfiore, S.; Grangetto, M.; Magli, E.; Olmo, G.;
Acoustics, Speech, and Signal Processing, 2003. Proceedings.
(ICASSP '03). 2003 IEEE International Conference on
Volume: 5
Digital Object Identifier: 10.1109/ICASSP.2003.1200079
Publication Year: 2003 , Page(s): V - 748-51 vol.5
IEEE CONFERENCES

An Optimal Content-Based Pattern Generation Algorithm

Paul, M., Murshed, M.,
Signal Processing Letters, IEEE
Volume: 14 , Issue: 12
Digital Object Identifier: 10.1109/LSP.2007.904703
Publication Year: 2007 , Page(s): 904 - 907
IEEE JOURNALS

A Stochastic Framework for Rate-Distortion Optimized Video Coding Over Error-Prone Networks

Harmandi, O.; Tekalp, A.M.;
Image Processing, IEEE Transactions on
Volume: 16 , Issue: 3
Digital Object Identifier: 10.1109/TIP.2006.891047
Publication Year: 2007 , Page(s): 684 - 697
IEEE JOURNALS

Efficient Multi-Reference Frame Selection Algorithm for Hierarchical B Pictures in Multiview Video Coding

Yun Zhang; Kwong, S.; Gangyi Jiang; Hanli Wang;
Broadcasting, IEEE Transactions on
Volume: 57 , Issue: 1
Digital Object Identifier: 10.1109/TBC.2010.2082670
Publication Year: 2011 , Page(s): 15 - 23
IEEE JOURNALS

Joint source channel rate-distortion analysis for adaptive mode selection and rate control in wireless video coding

Zhihai He; Jianfei Cai; Chang Wen Chen;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 12 , Issue: 6
Digital Object Identifier: 10.1109/TCSVT.2002.800313
Publication Year: 2002 , Page(s): 511 - 523
IEEE JOURNALS

Network-aware error control using smooth and fast rate adaptation mechanism for TCP-friendly internet video

Young-Geuk Kim; JongWon Kim; Kuo, C.-C.J.;
Computer Communications and Networks, 2000. Proceedings.
Ninth International Conference on
Digital Object Identifier: 10.1109/ICCCN.2000.885509
Publication Year: 2000 , Page(s): 320 - 325
IEEE CONFERENCES

Macroblock-based progressive fine granularity scalable (PFGS) video coding with flexible temporal-SNR scalabilities

Xiaoyan Sun; Feng Wu; Shipeng Li; Wen Gao; Ya-Qin Zhang;
Image Processing, 2001. Proceedings. 2001 International
Conference on
Volume: 2
Digital Object Identifier: 10.1109/ICIP.2001.958671
Publication Year: 2001 , Page(s): 1025 - 1028 vol.2

IEEE CONFERENCES

Efficient mode selection for block-based motion compensated video coding

Wiegand, T.; Lightstone, M.; Campbell, T.G.; Mitra, S.K.;
Image Processing, 1995. Proceedings., International
Conference on
Volume: 2
Digital Object Identifier: 10.1109/ICIP.1995.537540
Publication Year: 1995 , Page(s): 559 - 562 vol.2

IEEE CONFERENCES

A 100 mm² 0.95 W single-chip MPEG2 MP@ML video encoder with a 128GOP/s motion estimator and a multi-tasking RISC-type controller

Miyagoshi, E.; Araki, T.; Sayama, T.; Ohtani, A.; Minemaru, T.; Okamoto, K.; Kodama, H.; Morishige, T.; Watabe, A.; Aoki, K.; Mitsumori, T.; Imanishi, H.; Jinbo, T.; Tanaka, Y.; Taniyama, M.; Shingou, T.; Fukumoto, T.; Morimoto, H.; Aono, K.;
Solid-State Circuits Conference, 1998. Digest of Technical Papers. 1998 IEEE International
Digital Object Identifier: 10.1109/ISSCC.1998.672363
Publication Year: 1998 , Page(s): 30 - 31, 409

IEEE CONFERENCES

Efficient scheme for motion estimation and block size mode selection in H.264

Khan, N.; Masud, S.; Ahmad, A.; Maud, M.A.;
Communications and Information Technology, 2004. ISCIT 2004. IEEE International Symposium on
Volume: 2
Digital Object Identifier: 10.1109/ISCIT.2004.1413815
Publication Year: 2004 , Page(s): 747 - 751 vol.2

IEEE CONFERENCES

Simplified Motion-Refined Scheme for Fine-Granularity Scalability

Yih-Han Tan; Zhengguo Li; Keng-Pang Lim; Rahardja, S.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume: 18 , Issue: 9
Digital Object Identifier: 10.1109/TCSVT.2008.924102
Publication Year: 2008 , Page(s): 1212 - 1222

IEEE JOURNALS

Optimum Bit Allocation Using Human Visual System for Video Compression

Gohokar, V.V.; Gohokar, V.N.;
Conference on Computational Intelligence and Multimedia Applications, 2007. International Conference on
Volume: 3
Digital Object Identifier: 10.1109/ICCIIMA.2007.189
Publication Year: 2007 , Page(s): 84 - 88

IEEE CONFERENCES

A perceptual bit allocation scheme for H.264

Yu, H.; Pan, F.; Lin, Z.; Sun, Y.;
Multimedia and Expo, 2005. ICME 2005. IEEE International
Conference on

Digital Object Identifier: 10.1109/ICME.2005.1521423

Publication Year: 2005

IEEE CONFERENCES

Layer-correlated motion estimation and motion vector coding for the 3D-wavelet video coding

Lin Luo; Feng Wu; Shipeng Li; Zhenquan Zhuang;

Image Processing, 2003. ICIP 2003. Proceedings. 2003

International Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.2003.1246799

Publication Year: 2003 , Page(s): 11 - 791-4 vol.3

IEEE CONFERENCES

IMAGE: a low cost, low power video processor for high quality motion estimation in MPEG-2 encoding

mombers, F.; Gumm, M.; Stephanie, D.; Garino, P.; Mlynsek, D.;

Consumer Electronics, IEEE Transactions on

Volume: 44 , Issue: 3

Digital Object Identifier: 10.1109/30.713194

Publication Year: 1998 , Page(s): 774 - 783

IEEE JOURNALS

Motion vector size-compensation based method for very low bit-rate video coding

Sastre, J.; Ferreras, A.; Hernandez-Gil, J.F.;

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: 10 , Issue: 7

Digital Object Identifier: 10.1109/76.875523

Publication Year: 2000 , Page(s): 1192 - 1197

IEEE JOURNALS

A fast and efficient H.264 error concealment technique based on coding modes

Shih-Hsuan Yang; Jia-Cheng Tsai;

Broadband Multimedia Systems and Broadcasting (BMSB),

2010 IEEE International Symposium on

Digital Object Identifier: 10.1109/ISBMSB.2010.5463091

Publication Year: 2010 , Page(s): 1 - 4

IEEE CONFERENCES

Optimized transmission of H.26L/ JVT coded video over packet-lossy networks

Stockhammer, T.; Wiegand, T.; Wenger, S.;

Image Processing, 2002. Proceedings. 2002 International

Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.2002.1039915

Publication Year: 2002 , Page(s): 11-173 - 11-176 vol.2

IEEE CONFERENCES

Analysis and complexity reduction of multiple reference frames motion estimation in H.264/ AVC

Yu-Wen Huang; Bing-Yu Hsieh; Shao-Yi Chien; Shyh-Yih Ma;

Liang-Gee Chen;

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: 16 , Issue: 4

Digital Object Identifier: 10.1109/TCSVT.2006.872783

Publication Year: 2006 , Page(s): 507 - 522

IEEE JOURNALS

Rate-distortion analysis for H.264/ AVC video coding and its application to rate control

Ma, S.; Wen Gao; Yan Lu;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume: 15 , Issue: 12
Digital Object Identifier: 10.1109/TCSVT.2005.857300
Publication Year: 2005 , Page(s): 1533 - 1544

IEEE JOURNALS

Spatio-temporal video error concealment with perceptually optimized mode selection

Belliere, S.; Grangetto, M.; Magli, E.; Oimo, G.;
Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on
Volume: 3
Digital Object Identifier: 10.1109/ICME.2003.1221275
Publication Year: 2003 , Page(s): III - 169-72 vol 3

IEEE CONFERENCES

Macroblock-Level Mode Based Adaptive in-Band Motion Compensated Temporal Filtering

Anyu Gao; Canagarajah, N.; Bull, D.;
Image Processing, 2006 IEEE International Conference on
Digital Object Identifier: 10.1109/ICIP.2006.313041
Publication Year: 2006 , Page(s): 3165 - 3168

IEEE CONFERENCES

An MPEG-2 to H.264 Video Transcoder in the Baseline Profile

Fernandez-Escribano, G.; Kaiva, H.; Martinez, J.L.; Quesada, P.;
Cruzco-Barbosa, L.; Garrido, A.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume: 20 , Issue: 5
Digital Object Identifier: 10.1109/TCSVT.2010.2045914
Publication Year: 2010 , Page(s): 763 - 768

IEEE JOURNALS

Generalized B pictures and the draft H.264/ AVC video-compression standard

Flierl, M.; Girod, B.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume: 13 , Issue: 7
Digital Object Identifier: 10.1109/TCSVT.2003.814963
Publication Year: 2003 , Page(s): 587 - 597

IEEE JOURNALS

Single access variable block size motion estimation for multimedia SoC

Pratoomtong, S.; Yu Han Hu;
Multimedia Signal Processing, 2005 IEEE 7th Workshop on
Digital Object Identifier: 10.1109/MMSP.2005.248557
Publication Year: 2005 , Page(s): 1 - 4

IEEE CONFERENCES

Low Complexity Inter-Mode Selection for H.264

Seydou-Nourou Ba; Altunbasak, Y.; Ates, H.;
Image Processing, 2006 IEEE International Conference on
Digital Object Identifier: 10.1109/ICIP.2006.312584
Publication Year: 2006 , Page(s): 1349 - 1352

IEEE CONFERENCES

A concealment based approach to distributed video coding

Anantrasirichai, N.; Agrafiotis, D.; Bull, D.;
Image Processing, 2008. ICIIP 2008. 15th IEEE International Conference on

Digital Object Identifier: 10.1109/ICIP.2008.4712234

Publication Year: 2008 , Page(s): 2232 - 2235

IEEE CONFERENCES

**Advanced inpainting-based macroblock prediction
with regularized structure propagation in video
compression**

Yang Xu; Hongkai Xiong;

Picture Coding Symposium (PCS), 2010

Digital Object Identifier: 10.1109/PCS.2010.5702587

Publication Year: 2010 , Page(s): 94 - 97

IEEE CONFERENCES

**An Efficient Variable Block Size Selection Scheme for
the H.264 Motion Estimation**

Amer, I.; Chirila-Rus, A.; Badawy, W.; Jullien, G.;

System-on-Chip for Real-Time Applications, The 8th

International Workshop on

Digital Object Identifier: 10.1109/IWSOC.2006.348254

Publication Year: 2006 , Page(s): 5 - 9

IEEE CONFERENCES

**Fast mode decision for H.264/ AVC based on
macroblock correlation**

Zhu Hong; Wu Cheng-ke; Wang Yang-li; Fang Yong;

Advanced Information Networking and Applications, 2005.

AINA 2005. 19th International Conference on

Volume: 1

Digital Object Identifier: 10.1109/AINA.2005.183

Publication Year: 2005 , Page(s): 775 - 780 vol.1

IEEE CONFERENCES

SEARCH RESULTS

You searched for: macroblock mode selection

Results per Page Showing 101 - 120 of 120 results

Adaptive direct vector derivation for video coding

Itani, Y.; Sekiguchi, S.; Yamada, Y.;
Picture Coding Symposium (PCS), 2010
Digital Object Identifier: 10.1109/PCS.2010.5702458
Publication Year: 2010 , Page(s): 190 - 193

IEEE CONFERENCES

Inter mode selection for H.264/ AVC using time-efficient learning-theoretic algorithms

Vatis, Yu.; Lu, L.; Jagmohan, A.;
Image Processing (ICIP), 2009 16th IEEE International
Conference on
Digital Object Identifier: 10.1109/ICIP.2009.5413663
Publication Year: 2009 , Page(s): 3413 - 3416

IEEE CONFERENCES

Fast Variable Block Size Motion Estimation for H.264 Using Likelihood and Correlation of Motion Field

Tien-Ying Kuo; Chen-Hung Chan;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 16 , Issue: 10
Digital Object Identifier: 10.1109/TCSVT.2006.883512
Publication Year: 2006 , Page(s): 1185 - 1195

IEEE JOURNALS

Lagrange multiplier selection in hybrid video coder control

Wiegand, T.; Girod, B.;
Image Processing, 2001. Proceedings. 2001 International
Conference on
Volume: 3
Digital Object Identifier: 10.1109/ICIP.2001.958171
Publication Year: 2001 , Page(s): 542 - 545 vol.3

IEEE CONFERENCES

LA-RDO based error resilient coding using multi-layer Lagrange multiplier selection in SVC

Shoaib, M.; Anni Cai;
Advanced Communication Technology (ICACT), 2010 The 12th
International Conference on
Volume: 2
Publication Year: 2010 , Page(s): 1600 - 1605

IEEE CONFERENCES

Block-Mode Classification Using SVMs for Early Termination of Block Mode Decision in H.264| MPEG-4 Part 10 AVC

Jaeil Kim; Munchul Kim; Sangjin Hahn; In-joon Cho;
Changsub Park;
Advances in Pattern Recognition, 2009. ICAPR '09 Seventh
International Conference on
Digital Object Identifier: 10.1109/ICAPR.2009.55
Publication Year: 2009 , Page(s): 83 - 86

IEEE CONFERENCES

.....
**Optimal Mode Selection and Channel Coding for
Video Transmission Over Wireless Channels using
H.264/ AVC**

Maani, E.; Fan Zhai; Katsaggelos, A.K.;
Acoustics, Speech and Signal Processing, 2007. ICASSP 2007.
IEEE International Conference on
Volume: 1
Digital Object Identifier: 10.1109/ICASSP.2007.366039
Publication Year: 2007 , Page(s): 1-841 - 1-844

IEEE CONFERENCES

.....

**An Enhanced Block Mode Selection Method for
Surveillance Video Communication**

Jie Jiang; Wei Mo; Jianmin Lv;
Information Assurance and Security, 2009. IAS '09. Fifth
International Conference on
Volume: 1
Digital Object Identifier: 10.1109/IAS.2009.7
Publication Year: 2009 , Page(s): 79 - 82

IEEE CONFERENCES

.....

**An Optimized Method of Inter Modes Selection in
H.264/ AVC**

Bao Guoxing; Hu Honghua;
Intelligence Information Processing and Trusted Computing
(IPTC), 2010 International Symposium on
Digital Object Identifier: 10.1109/IPTC.2010.29
Publication Year: 2010 , Page(s): 611 - 614

IEEE CONFERENCES

.....

**Fast block size selection for H.264 video-downsizing
transcoding**

Zhuo-Yi Lu; Wan-Chi Siu; Ke-Bin Jia;
Information Sciences Signal Processing and their Applications
(ISSPA), 2010 10th International Conference on
Digital Object Identifier: 10.1109/ISSPA.2010.5605498
Publication Year: 2010 , Page(s): 101 - 104

IEEE CONFERENCES

.....

**A Fast Macroblock Inter Mode Decision Algorithm for
H.264**

Jinxu Zhu; Ning Cao; Yushan Chen; Guoxuan Li;
Software Engineering, 2009. WOSE '09. WRI World Congress
on
Volume: 2
Digital Object Identifier: 10.1109/WOSE.2009.30
Publication Year: 2009 , Page(s): 189 - 193

IEEE CONFERENCES

.....

**Rate-distortion optimized mode selection for very
low bit rate video coding and the emerging H.263
standard**

Wiegand, T.; Lightstone, M.; Mukherjee, D.; Campbell, T.G.;
Mitra, S.K.;
Circuits and Systems for Video Technology, IEEE Transactions
on
Volume: 6 , Issue: 2
Digital Object Identifier: 10.1109/76.488825
Publication Year: 1996 , Page(s): 182 - 190

IEEE JOURNALS

.....

**Efficient block size selection in H.264 video coding
standard**

Ahmad, A.; Khan, N.; Masud, S.; Maud, M.A.;
Electronics Letters
Volume: 40 , Issue: 1

IEEE JOURNALS

Video coding using joint temporal-spatial compensation

Zhihai He; Chang Wen Chen;

Multimedia and Expo, 2002 ICME '02. Proceedings. 2002 IEEE International Conference on

Volume: 1

Digital Object Identifier: 10.1109/ICME.2002.1035624

Publication Year: 2002 , Page(s): 485 - 487 vol.1

IEEE CONFERENCES

Scalable rate control for very low bit rate (VLSR) video

Hung-Ju Lee; Tihao Chiang; Ya-Qin Zhang;

Image Processing, 1997. Proceedings., International Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.1997.638609

Publication Year: 1997 , Page(s): 768 - 771 vol.2

IEEE CONFERENCES

A fast region-based inter mode selection algorithm

Qingsheng Yuan; Yiqiang Chen; Yi Kang;

Multimedia and Expo, 2006 IEEE International Conference on

Digital Object Identifier: 10.1109/ICME.2006.4607563

Publication Year: 2006 , Page(s): 629 - 632

IEEE CONFERENCES

A Fast Macroblock Mode Decision Algorithm for H.264

Zhenyu Wei; King Ngi Ngan;

Circuits and Systems, 2006 APOCAS 2006. IEEE Asia Pacific Conference on

Digital Object Identifier: 10.1109/APCCAS.2006.342135

Publication Year: 2006 , Page(s): 772 - 775

IEEE CONFERENCES

An improvement fast INTER mode selection for H.264 joint with spatio-temporal correlation

Ming Yin; Hong-yuan Wang;

Wireless Communications, Networking and Mobile Computing, 2005. Proceedings. 2005 International Conference on

Volume: 2

Digital Object Identifier: 10.1109/WONM.2005.1544278

Publication Year: 2005 , Page(s): 1237 - 1240

IEEE CONFERENCES

Using inter-frame dependence history to select intra-refresh blocks

Zhao, C.; Ngan, K.N.; Zhang, J.; Mathew, R.; Zhang, X.;

Electronics Letters

Volume: 38 , Issue: 22

Digital Object Identifier: 10.1049/el:20020924

Publication Year: 2002 , Page(s): 1337 - 1338

IEEE JOURNALS

Rate-distortion optimized video coding with stopping rules: quality and complexity

Moecke, M.; Seara, R.;

Image Processing, 2004. ICIP '04. 2004 International Conference on

Volume: 2

Digital Object Identifier: 10.1109/ICIP.2004.1419407

Publication Year: 2004 , Page(s): 753 - 756 Vol.2

